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USC Image Center

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USC




IMAGE CENTRE

McKissick Museum is partnering with the School of Library and Information Science and Arius3D, Inc. to establish an Image Centre that houses a state-of-the-art 3D scanner system. The Arius3D scanner can determine both the shape and color of artifacts by measuring their surfaces on a point-by-point basis. From brush strokes on a painting to cracks in a sculpture, special features of objects that cannot be conveyed through standard two-dimensional imaging are captured using these three-dimensional models . These digital models serve various functions, including:

Providing virtual access to culturally significant objects of museum collections



Advancing breakthroughs in research by visualizing objects in alternate ways



*Preserving the museum's collections by creating digital replicas of objects
and assessing changes in objects' shape and texture*

By changing how McKissick Museum's collections are preserved and circulated, the Image Centre is transporting objects beyond the museum's walls.

